



SILVERBROOK RESEARCH Pty Ltd

393 Darling Street Balmain NSW 2041 Australia PO Box 207 Balmain NSW 2041 Australia Phone: +61 2 9818 6633 Fax: + 61 2 9818 6711 Email: info@sllverbrookresearch.com ACN 066 573 671

FACSIMILE MESSAGE

RECEIVED CENTRAL FAX CENTER

MAR 0 9 2004

OFFICIAL

Date

March 10, 2004

To:

Group Receptionist Art Unit 2622

Fax No.:

0011 1 703 872 9306

Subject:

United States Patent Application No. 09/575,109

Inventors/Assignors: Paul Lapstun and Simon Robert Walmsley

Assignee: SILVERBROOK RESEARCH PTY LTD

Our Ref:

PEC02US

Total Number of Pages (including this) : 19

MAR 1 6 2004

Attached is a Request to withdraw abandonment to the Notice of Abandonment of Exam Marie Twyler Lamb, dated February 24, 2004.

Regards

2 Leonie News

Silverbrook Research Pty Ltd

This facsimile contains information that is privileged and confidential, and is intended only for the use of the individual or entity named above. If you have received this facsimile in error, or if the transmission is not complete, please notify us immediately by telephone or facsimile.

TRANSMITTAL FORM (to be used for all correspondence after initial Total Number of Pages in This Submission)	Approved for use through 07/31/2006. OMB 0851-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE LID persons are required to rescond to a collection of information untess it displays a valid OMB control number. Application Number 09/575,108 Filling Date May 23, 2000 First Named Inventor Baul Lapstum Art Unit 2622 Examiner Name Marie Twyler Lamb Attorney Docket Number PECO2US
Fee Transmittal Form Fee Attached Amendment/Repty After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request	ENCLOSURES (Check all that apply) Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Address Terminal Disclaimer Request for Refund After Allowance communication to Board of Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below):
Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53	Request for Refund CD, Number of CD(s) Remarks Email: kla_sliverbrook@sliverbrookresearch.com MAR 1 6 2004 Telephone: 61-2-9818-6633 Facsimile: 61-2-9555 77621 DATECTOR OFFICE TECHNOLOGY CENTER 2500
Firm Paul Lapstun and or c/Silverbrook Res	Simon Robert Walmsley Parch Pty. Ltd. Balmain, NSW, 2041, Australia
I hereby certify that this correspondence is be sufficient postage as first class mail in an entitle date shown below.	ERTIFICATE OF TRANSMISSION/MAILING sing facsimile transmitted to the USPTO or deposited with the United States Postal Service with relope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on and Simon Robert Walmsley Date March / Q 2004

This collection of Information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.





March 9, 2004

SILVERBROOK RESEARCH Pty Ltd

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ACN 066 573 671

Commissioner of Patents
United States Patent and Trademarks Office
P.O. Box 1450
ALEXANDRIA VA 22313-1450
UNITED STATES OF AMERICA

RECEIVED
CENTRAL FAX CENTER

MAR 0 9 2004

OFFICIAL

Attn:

Examiner Twyler Marie Lamb

Art Unit:

2622

RECEIVED

Dear Examiner Twyler Marie Lamb

MAR 1 6 2004

USSN 09/575,109
In the Name of Paul Lapstun and Simon Robert Walmsley
Docket No: PEC02US

DWESTOR OFFICE TECHNOLOGY SENTER 2000

In response to the Notice of Abandonment we hereby lodge a petition to WITHDRAW HOLDING OF ABANDONMENT.

The Notice of Abandonment states that a reply to the Office Action mailed on July 7, 2003 was not received by the USPTO. We confirm that the reply was faxed in response to the Office Action mailed on July 7, 2003. We therefore petition the commissioner to WITHDRAW HOLDING OF ABANDONMENT on this application.

The enclosed Declaration of my Patent Administrator, Leonie Frances News, confirms that a response was faxed to the USPTO on October 7, 2003.

We respectfully request favourable consideration of our petition.

Yours sincerely,

Kia Silverbrook

Silverbrook Research Pty Ltd

Encl.

Commonwealth of Australia Statutory Declarations Act 1959

STATUTORY DECLARATION

In the Matter of US Patent Application No. 09/575,109 in the name of Paul Lapstun and Simon Robert Walmsley

I LEONIE FRANCES NEWS of 393 Darling Street, Balmain, New South Wales, 2041, Australia do solemnly and sincerely declare as follows:

- 1. I am the Patent Administrator of Silverbrook Research Pty Ltd and have held this position since 1 September 1999.
- 2. I have responsibility for maintaining files, preparing responses and forwarding the responses to Office Actions for the United States patent applications of Paul Lapstun and Simon Robert Walmsley and Silverbrook Research Pty Ltd, including US Patent Application No. 09/575,109 ("The Patent Application".)
- 3. I received a Notice of Abandonment on The Patent Application stating that the reply was not timely filed at the USPTO to Office Action mailed on July 7, 2003.
- 4. I then checked my file for The Patent Application and now state that the reply was faxed to the USPTO on The Patent Application on October 7, 2003. A copy of the Reply sent to the Office Action and all other accompanying documents are attached, together with the fax transmission sheet and Transmittal Form and marked as Exhibit LFN-1.

-2-

5. Examiner Marie Twyler Lamb was emailed on March 4, 2004 in relation to the facsimile number the response was sent to. It appears from Examiner Marie Twyler Lamb's reply that the facsimile number the response was sent to was incorrect. That is, the Office Action of July 1, 2003 referred to facsimile no. 703 746 6036 for regular communications, whereas Examiner Marie Twyler Lamb's email indicated that the correct facsimile no. for regular communications is 703 872 9306. A copy of Page 4 of the Office Action and of Marie Twyler Lamb's email are attached and marked as Exhibit LFN-2.

And I make this solemn declaration aware of the penalties for false declarations under section 11 of the Statutory Declarations Act 1959 (Cwth of Australia).

Declared at Sydney
This And day of March
2004 by Leonie Frances
News

Before me:

Leonie Frances News

John Mackay

Solicitor of the Supreme Court
Of New South Wales

Exhibit LFN-1

Best Available Copy

COPY

TRANSMISSION OK

TX/RX NO

CONNECTION TEL SUBADDRESS

CONNECTION ID.

ST. TIME

USAGE T PGS. SENT RESULT 1311

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SILVERBROOK RESEARCH Pty Ltd

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FACSIMILE MESSAGE

Date

October 7, 2003

To:

Group Receptionist Art Unit 2622

Fax No.:

0011 1 703 746 6036

Subject:

United States Patent Application No. 09/575,109

Inventors/Assignors: Paul Lapstun and Simon Robert Walmsley

Assignee: SILVERBROOK RESEARCH PTY LTD

Our Ref:

PEC02US

Total Number of Pages (including this) : &

Attached is a response to the Office Action, of Examiner Marie Twyler Lamb, dated July 7, 2003.

Regards

Leonie News

Silverbrook Research Pty Ltd



SILVERBROOK RESEARCH Pty Ltd

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Date

October 7, 2003

To:

Group Receptionist Art Unit 2622

Fax No.:

0011 1 703 746 6036

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Assignee: SILVERBROOK RESEARCH PTY LTD

Our Ref:

PEC02US

Total Number of Pages (including this) : &

Attached is a response to the Office Action, of Examiner Marie Twyler Lamb, dated July 7, 2003.

Regards

PT.

Leonie News

Silverbrook Research Pty Ltd

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PTC/SB/21 (08-03)
Approved for use through 07/31/2008. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
to a collection of information unless it displays a valid OMS control number. r the Paperwork Reduction Act of 1995, no nersons noonen at beniuper ens. Application Number 09/575,109 TRANSMITTAL Filing Date May 23, 2000 **FORM** First Named Inventor Paul Lapstun Art Unit (to be used for all correspondence after initial filing) 2622 **Examiner Name** Marle Twyler Lamb Attorney Docket Number Total Number of Pages in This Submission PEC02US **ENCLOSURES** (Check all that apply) After Allowance communication Fee Transmittal Form Drawing(s) to Group Appeal Communication to Board Fee Attached Licensing-related Papers of Appeals and Interferences Appeal Communication to Group x Petition Amendment/Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a After Final Provisional Application Power of Attorney, Revocation Proprietary Information Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please **Extension of Time Request** Terminal Discialmen Identify below): Express Abandonment Request Request for Refund CD, Number of CD(s) Information Disclosure Statement Remarks Certified Copy of Priority Email: kia.silverbrook@silverbrookresearch.com Telephone: 61-2-9818-6633 Document(s) Facsimile: 61-2-9555 77621 Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Paul Lapstun and Simon Robert Walmsley c/Silverbrook Research Pty. Ltd. Individual name 393 Darling Street, Balmain, NSW, 2041, Australia Signature Date October 7, 2003 CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Typed or printed name Paul Lapstun and Simon Robert Walmsley ·1 -Date October 7, 2003 Signature This collection of information is required by 37 CFR 1.5. The information is required by obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentizity is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the including case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ADDRESS. 8END TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



CENTRAL FAX CENTER

MAR 0 9 2004

In the United States Patent and Trademark Office

Serial Number:

09/575,109

Application. Filed:

May 23, 2000

Applicant:

Paul Lapstun and Simon Robert Walmsley

Application. Title:

PRINTED PAGE TAG ENCODER

Examiner/GAU:

Marie Twyler Lamb/2622

Dated

October 7, 2003

At:

Balmain, NSW, Australia

Docket No.

PEC02US

AMENDMENT A

Commissioner for Patents Washington, District of Columbia 20231

Dear Sir:

In response to the Office Action of July 7, 2003, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper. The Applicant submits that these amendments introduce no new matter.

Remarks/Arguments begin on page 4 of this paper.

Appln No. 09/575,109 Amdt. Dated October 7, 2003 Reply to Office action of July 7, 2003

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Amendments to the Specification:

The paragraph beginning at Page 1, lines 20-35, through to Page 2, lines 1-3, to be amended as follows:

_Various methods, systems and apparatus relating to the present invention are disclosed in the following co-pending applications filed by the applicant or assignee of the present invention on 23 May 2000:

09/575,197 (NPA001US),	09/575,195 (NPA002US),	NPA003US,
<u>09/575,159 (NPA004US)</u> ,	09/575,132 (NPA005US),	09/575,123 (NPA006US),
<u>09/575,148 (NPA007US)</u> ,	09/575,130 (NPA008US),	09/575,165-(NPA009US),
<u>09/575,153 (NPA010US)</u> ,	09/575.118 (NPA012US),	09/575,131 (NPA016US),
09/575,116 (NPA017US)	09/575,144 (NPA018US),	09/575,139 (NPA019US),
<u>09/575,186-(NPA020US)</u> ,	09/575,185 (NPA021US),	09/575,191 (NPA030US),
<u>09/575,145 (NPA035US),</u>	09/575,192 (NPA048US),	09/609,303 (NPA050US),
<u>09/610,095 (NPA051US),</u>	09/609,596 (NPA052US)	09/575,181 (NPA075US),
<u>09/575,193-(NPB001US)</u> ,	<u>09/575,156-(NPB002US),</u>	09/575,183 (NPK002US),
09/575,160-(NPK003US),	09/575,150-(NPK004US),	09/575,169 (NPK005US),
(NPK007US),	09/575,184 (NPM001US),	<u>6,502,614 (NPM002US),</u>
<u>09/575,180 (NPM003US),</u>	<u>09/575,149 (NPM004US),</u>	<u>6,549,935 (NPN001US),</u>
(NPN002US),	(NPN003US),	– <u>09/575,187-(NPP001US)</u> ,
(NPP002US),	<u>09/575,155 (NPP003US),</u>	<u>6,591,884 (NPP005US),</u>
6,439,706 (NPP006US),	<u>09/575,196 (NPP007US),</u>	09/575.198-(NPP008US),
<u>09/575178 (NPP016US),</u>	6.428.155 (NPP017US),	<u>09/575,146 (NPP018US),</u>
<u>09/608,920 (NPP019US),</u>	<u>09/575,174 (NPS001US),</u>	<u>09/575,163 (NPS003US),</u>
<u>09/575,168 (NPS020US),</u>	<u>09/575,154 (NPT001US)</u> ,	<u>09/575,129 (NPT002US),</u>
<u>09/575,124 (NPT003US),</u>	<u>09/575,188 (NPT004US),</u>	<u>09/575,189 (NPX001US),</u>
<u>09/575.162 (NPX003US),</u>	<u>09/575,172 (NPX008US)</u> ,	<u>09/575,170 (NPX011US)</u> ,
<u>09/575.171 (NPX014US),</u>	09/575,161 (NPX016US),	(NPX020US),
10/291,716 (NPX022US),	<u>6,428,133 (IJ52US),</u>	<u>6,527,365-(ШМ52US),</u>
6,315,399 (MJ10US),	6,338,548 (MJ11US),	6,540,319 (MJ12US),
<u>6,328,431 (MJ13US),</u>	<u>6,328,425 (MJ14US),</u>	<u>09/575,127 (MJ15US),</u>
<u>6.383.833 (MJ34US),</u>	<u>6,464,332 (MJ47US),</u>	MJ52US,
<u>6,390,591 (MJ58US),</u>	<u>09/575,152-(MJ62US),</u>	<u>6,328,417-(MJ63US)</u> ,
<u>6.409.323 (PAK04US),</u>	6,281,912 (PAK05US),	6,604,810 (PAK06US),
<u>09/575,112 (PAK07US),</u>	6,488,422-(PAK08US),	09/575,108 (PECOIUS),

COPY

Appln No. 09/575,109 Amdt. Dated October 7, 2003 Reply to Office action of July 7, 2003

3

09/575,109 (PEC02US)

(PEC03US)09/575,110.

The disclosures of these co-pending applications are incorporated herein by reference.--

Appln No. 09/575,109 Amdt. Dated October 7, 2003 Reply to Office action of July 7, 2003



REMARKS/ARGUMENTS

Examiner's comment in relation to claims 1 and 6 are noted, but respectfully traversed.

The present invention as claimed requires that the encoder include inputs for accepting three types of information:

- 1. Tag structure;
- 2. Fixed data; and
- 3. Variable data.

Looking at the parts of the citation referred to by Examiner, only the encoding of variable data is disclosed in Brass. There is utterly no disclosure of fixed data that would be common from, say, strip to strip (or tag to tag, to use the language of the present specification).

Moreover, there is no disclosure of the tag encoder having an input to accept a tag structure template. As far as Applicant can tell, the only tag structure disclosed in Brass simply arises as a result of the variable data being encoded. Certainly this does not take place on the basis of a template that is accepted by the tag encoder. Also, the strip generated in each case is unique to the variable data provided, and can in no way be considered a "template".

Examiner is requested to specifically point out, either in the sections already referred to, or elsewhere in Brass, where there is disclosed an input for receiving a tag structure template, and an input for receiving fixed data bits. If these features cannot readily be identified by Examiner, it is respectfully requested that the rejection be withdrawn.

Regarding claims 2 and 7, Applicant is unable to find any reference to redundancy encoding in Brass, either in the section referred to or in the specification as a whole. The only additional information (ie, additional to the encoded data) disclosed in Brass relates to the provision of random data to fill out the end of a strip, and header information. Nothing suggests the inclusion of redundancy data. For these reasons it is submitted that claims 2 and 7 are allowable.

Appln No. 09/575,109 Amdt. Dated October 7, 2003 Reply to Office action of July 7, 2003

5



Further consideration of the application is respectfully requested.

Very respectfully,

Applicant:

Por A.

PAUL LAPSTUN

SIMON ROBERT WALMSLEY

C/o:

Silverbrook Research Pty Ltd

393 Darling Street

Balmain NSW 2041, Australia

Email:

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393 Darling Street Balmain NSW 2041 Australia PO Box 207 Balmain NSW 2041 Australia Phone: +61 2 9818 6633 Fax: + 61 2 9818 6711 Email: info@silverbrookresearch.com ACN 066 573 671

October 7, 2003

Assistant Commissioner for Patents Washington, District of Columbia 20231 USA

Dear Sir

United States Patent Application Serial No. 09/575,109

Inventors/Assignors: PAUL LAPSTUN and SIMON ROBERT WALMSLEY

Assignee: SILVERBROOK RESEARCH PTY LTD

Title: "Printed Page Tag Encoder"

Our Ref: PEC02US

The status of the above application has changed from "Small Entity" to "Large Entity".

Please update your records accordingly.

Yours faithfully

Paul Lapstun

Simon Robert Walmsley

Di Walety

Exhibit LFN-2

Application/Control Number: 09/575,109
Art Unit: 2622

Page 4

Claims 8, 14 and 15 identifies the unique features "a print engine/controller to drive an ink drop printhead comprising: a contone image decoder to decode any compressed continuous tone image planes in the received compressed page data; a bilevel decoder to decode any compressed bi-level image plane in the received compressed page data; a tag encoder to produce a tag image plane; and a half toner/compositor including a dot merger unit controlled by a color mask to effect integration of the image planes and tag data plane".

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Twyler Lamb whose telephone number is 703 - 308-8823. The examiner can normally be reached on M-TH (8:30-5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L Coles can be reached on 703-308-4712. The fax phone numbers for the organization where this application or proceeding is assigned are 703-746-6036 for regular communications and 703-872-9314 for After Final communications.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks Washington, DC 20231

or faxed to:

(703) 872-9314

(for informal or draft communications, such as proposed amendments to be discussed at an interview; please label such communications "PROPOSED" or "DRAFT")

or hand-carried to:

Pascale Hair

From:

Lamb, Twyler [Twyler.Lamb@USPTO.GOV]

Sent: To:

Saturday, 6 March 2004 2:11 AM

pascale.hair@silverbrookresearch.com

Subject:

RE: USSN 09/575,109, USSN 09/575,120 AND USSN 09/575,110 - Our Ref: PEC02US,

PP16US and PEC03US

The correct fax number for regular communication is 703/872-9306. Non of the responses referenced in your email are showing to have been received by the PTO. A call was placed to you to find out the status of the files and I received no response, so the files were abandoned.

Twyler Lamb Art Unit 2622 703-308-8823

-Original Message-

From: pascale.hair@silverbrookresearch.com [mailto:pascale.hair@silverbrookresearch.com] Sent: Thursday, March 04, 2004 8:12 PM

To: Lamb, Twyler

Subject: FW: USSN 09/575,109, USSN 09/575,120 AND USSN 09/575,110 - Our

Ref: PEC02US, PP16US and PEC03US

Dear Examiner Marie Twyler Lamb,

I refer to the above applications which have all been abandoned.

- PEC02US (USSN 09/575,109) was abandoned for our failure to send a response to the Office Action dated July 7, 2003.
- PP16US (USSN 09/575,120) was abandoned for our failure to send a response to the Office Action dated July 1, 2003.
- PEC03US (USSN 09/575,110) was abandoned for our failure to send a response to the Office Action dated July 7, 2003.

However, for each of these applications we sent a facsimile responding to each Office Actions on the following dates:

1. PEC02US:

Oct. 7, 2003

2. PP16US:

Sept. 25, 2003

3.

PEC03US:

Oct. 7, 2003

All responses were sent to this facsimile number : 703 746 6036 and got through with a positive Facsimile report (which will be sent to you with our requests to withdraw the Abandonments.

However, we are concerned that this facsimile number may be incorrect or may not be functioning the way it should and we are unsure as to which facsimile number our requests to withdraw the abandonments should be sent/faxed to.

Please kindly let us know what the correct facsimile number ought to be.

Many thanks

Yours sincerely.

Best Available Copy

Pascale Hair For Kia Silverbrook Silverbrook Research Pty Ltd (Phone: +61 2 9555 7548)

